

42390P9670D
METHOD, APPARATUS, AND SYSTEM TO ENHANCE NEGATIVE VOLTAGE SWITCHING
KERRY D. TEDROW, ET AL.

1/6

FIGURE 1A
MAIN

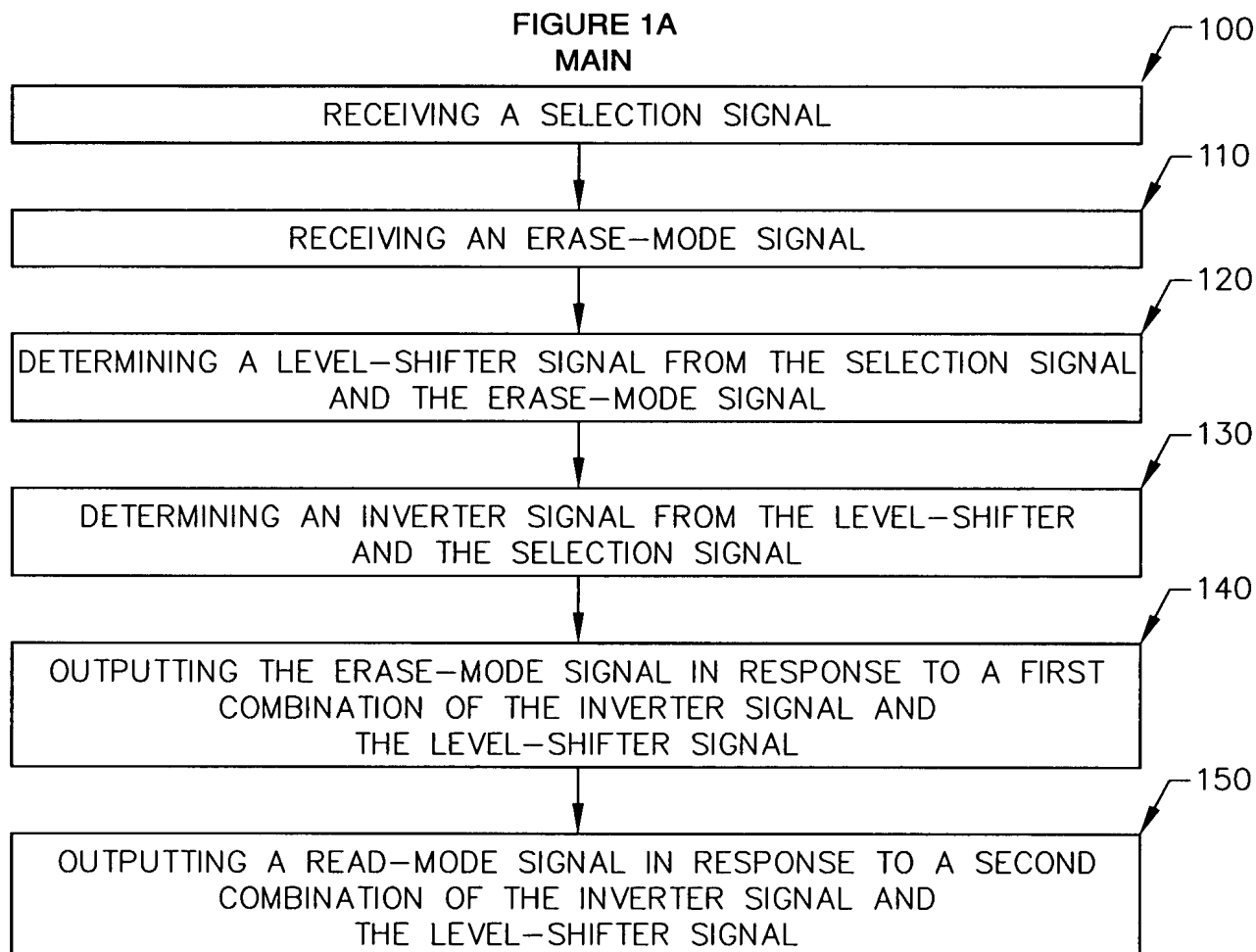


FIGURE 1B
RECEIVING A SELECTION SIGNAL

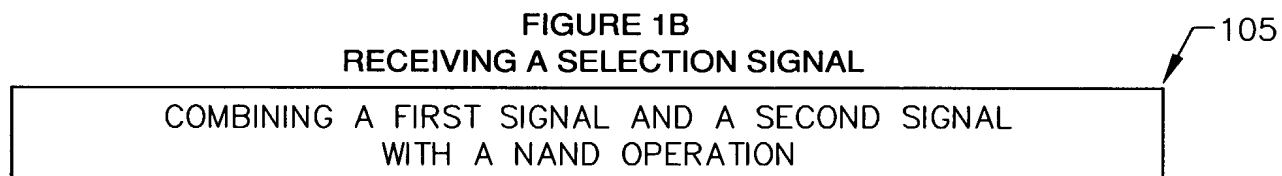
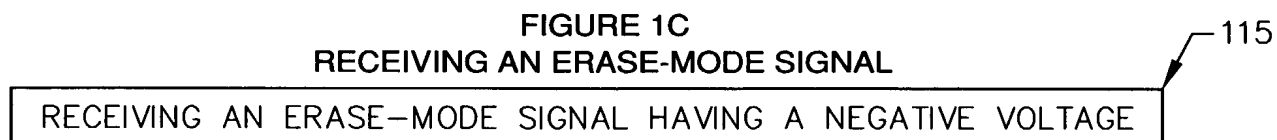


FIGURE 1C
RECEIVING AN ERASE-MODE SIGNAL



42390P9670D
METHOD, APPARATUS, AND SYSTEM TO ENHANCE NEGATIVE VOLTAGE SWITCHING
KERRY D. TEDROW, ET AL.

2/6

FIGURE 1D
DETERMINING A LEVEL-SHIFTER SIGNAL FROM THE SELECTION
SIGNAL AND THE ERASE-MODE SIGNAL

PULLING UP A VOLTAGE FROM A NEGATIVE ERASE-MODE VOLTAGE

125

FIGURE 1E
DETERMINING AN INVERTER SIGNAL FROM THE LEVEL-SHIFTER SIGNAL
AND THE SELECTION SIGNAL

CHOOSING BETWEEN THE LEVEL-SHIFTER SIGNAL
AND THE SELECTION SIGNAL

135

FIGURE 1F
OUTPUTTING THE ERASE-MODE SIGNAL IN RESPONSE TO A FIRST
COMBINATION OF THE INVERTER SIGNAL AND
THE LEVEL-SHIFTER SIGNAL

OUTPUTTING THE ERASE-MODE SIGNAL IN RESPONSE TO A POSITIVE
VOLTAGE INVERTER SIGNAL AND A NEGATIVE VOLTAGE
LEVEL-SHIFTER SIGNAL

145

FIGURE 1G
OUTPUTTING A READ-MODE SIGNAL IN RESPONSE TO A SECOND
COMBINATION OF THE INVERTER SIGNAL AND
THE LEVEL-SHIFTER SIGNAL

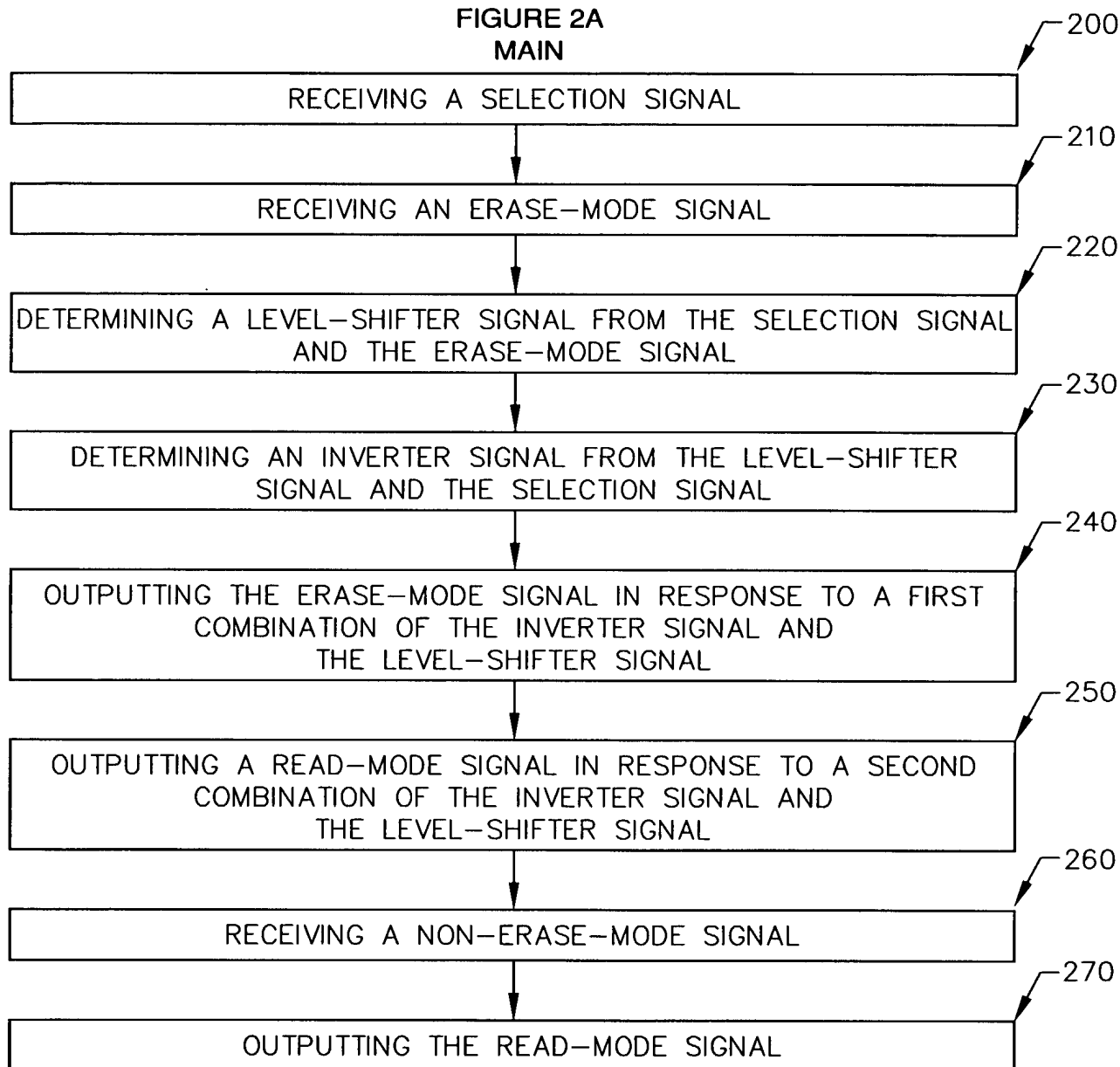
OUTPUTTING THE READ-MODE SIGNAL IN RESPONSE TO A NEGATIVE
VOLTAGE INVERTER SIGNAL AND A NEGATIVE VOLTAGE
LEVEL-SHIFTER SIGNAL

155

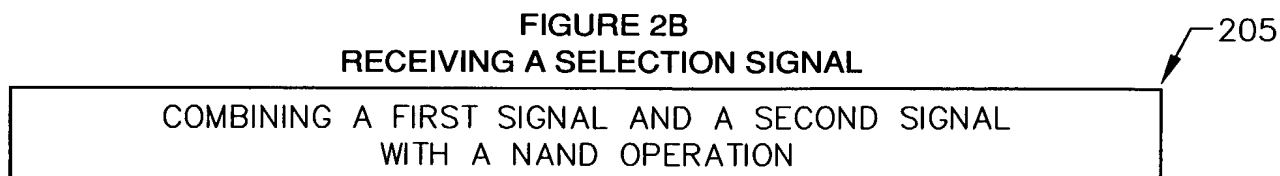
42390P9670D
METHOD, APPARATUS, AND SYSTEM TO ENHANCE NEGATIVE VOLTAGE SWITCHING
KERRY D. TEDROW, ET AL.

3/6

**FIGURE 2A
MAIN**



**FIGURE 2B
RECEIVING A SELECTION SIGNAL**



42390P9670D
METHOD, APPARATUS, AND SYSTEM TO ENHANCE NEGATIVE VOLTAGE SWITCHING
KERRY D. TEDROW, ET AL.

4/6

FIGURE 2C
RECEIVING AN ERASE-MODE SIGNAL

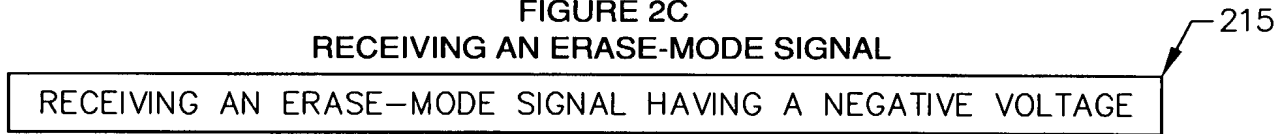


FIGURE 2D
DETERMINING A LEVEL-SHIFTER SIGNAL FROM THE SELECTION SIGNAL
AND THE ERASE-MODE SIGNAL

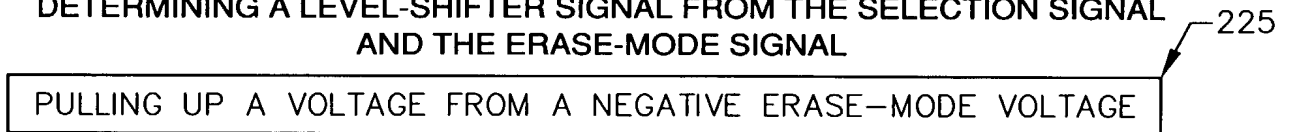


FIGURE 2E
DETERMINING AN INVERTER SIGNAL FROM THE LEVEL-SHIFTER SIGNAL
AND THE SELECTION SIGNAL

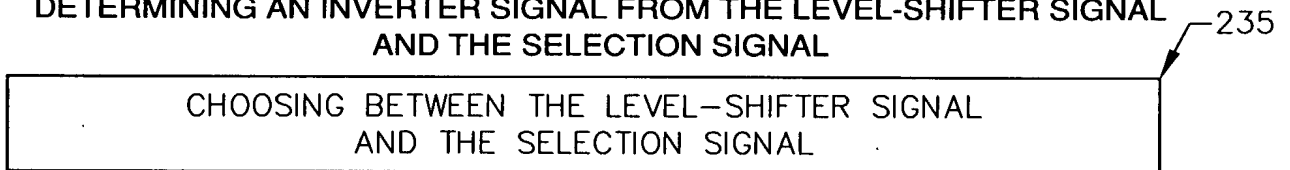


FIGURE 2F
OUTPUTTING THE ERASE-MODE SIGNAL IN RESPONSE TO A FIRST
COMBINATION OF THE INVERTER SIGNAL AND
THE LEVEL-SHIFTER SIGNAL

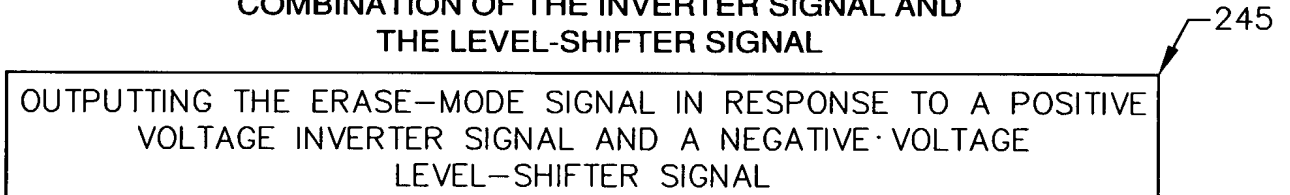


FIGURE 2G
OUTPUTTING A READ-MODE SIGNAL IN RESPONSE TO A SECOND
COMBINATION OF THE INVERTER SIGNAL AND
THE LEVEL-SHIFTER SIGNAL

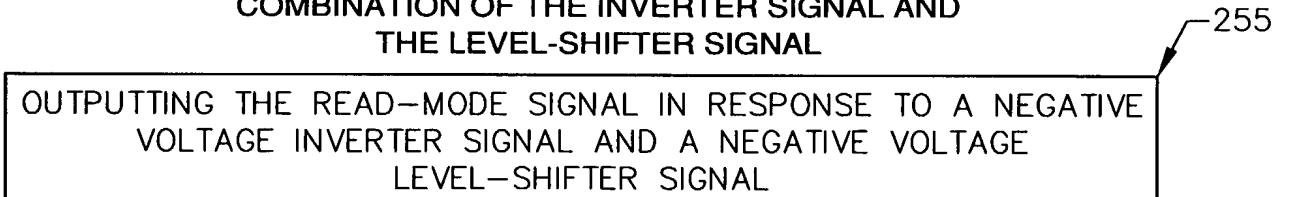
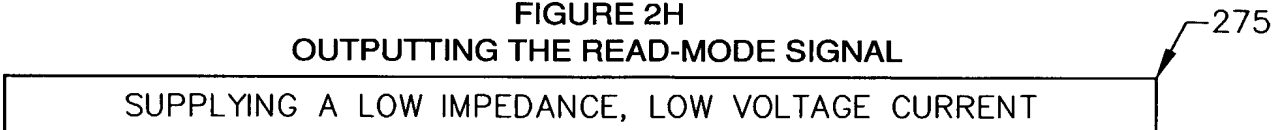


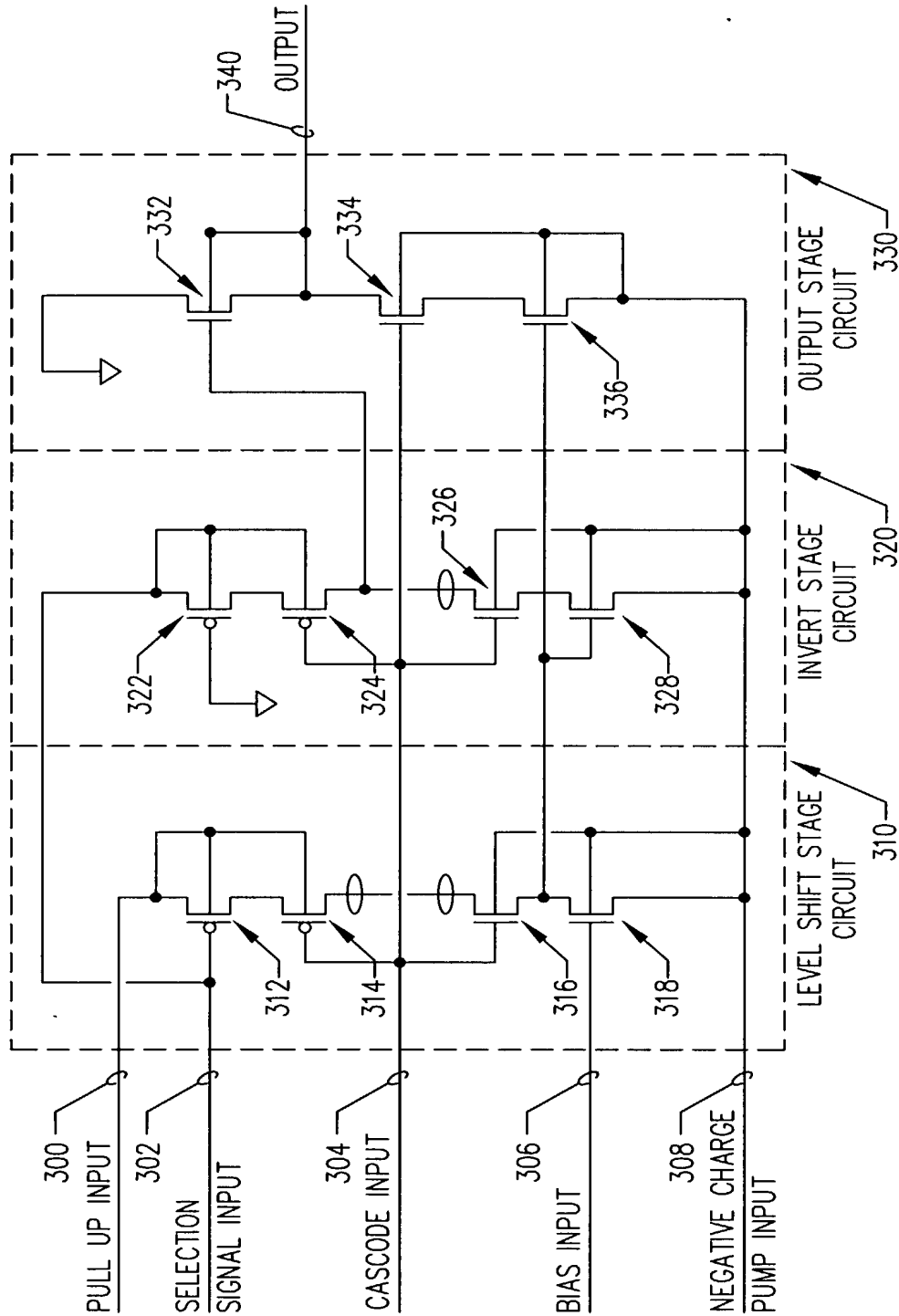
FIGURE 2H
OUTPUTTING THE READ-MODE SIGNAL



42390P9670D
METHOD, APPARATUS, AND SYSTEM TO ENHANCE NEGATIVE VOLTAGE SWITCHING
KERRY D. TEDROW, ET AL.

5/6

FIGURE 3



42390P9670D
 METHOD, APPARATUS, AND SYSTEM TO ENHANCE NEGATIVE VOLTAGE SWITCHING
 KERRY D. TEDROW, ET AL.

6/6

FIGURE 4

